

Radio  
**AMATEUR**  
Call Book Magazine

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Foreign  
\$3.75



**FALL 1954**

Why Take a Chance?

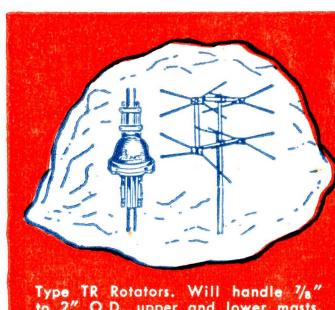
You  
know  
what's under  
these  
shells... *consistently dependable*



Type TJ Dykanol Transmitter Capacitors. In all popular capacities from 600 V.D.C. to 6,000 V.D.C.



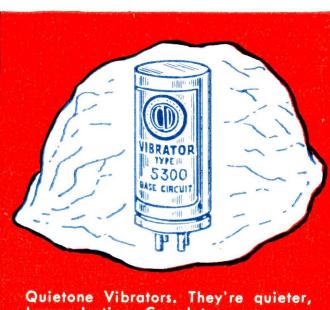
Type Mity Mike TV Ceramic Capacitors. Hi-insulation resistance, low P.F. For 10,000 and 20,000 V.D.C.



Type TR Rotators. Will handle 7/8" to 2" O.D. upper and lower masts. Heavy duty motor.



Types 9 and 4 Moulded Transmitter Capacitors. For grid, plate blocking and r.f. bypass.

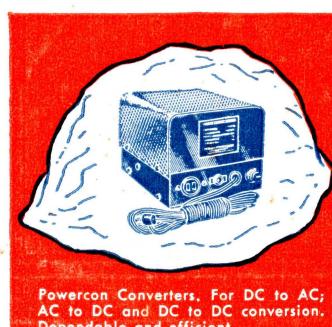


Quietone Vibrators. They're quieter, longer lasting. Complete range.



Type 50 series Mica XMTR Capacitors in glazed, low-loss ceramic case. Industry standard for over 42 years.

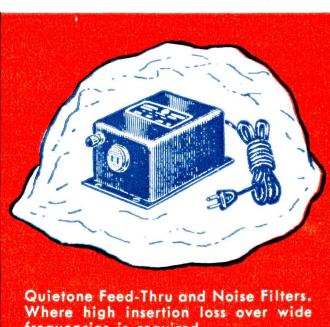
*Cornell-Dubilier & Faradon Products*



Powercon Converters. For DC to AC; AC to DC and DC to DC conversion. Dependable and efficient.



Types 13B and 177 Faradon XMTR Capacitors. For grid coupling and plate blocking applications.



Quietone Feed-Thru and Noise Filters. Where high insertion loss over wide frequencies is required.



*Faradon*

Catalog No. 200d available on request

CORNELL-DUBILIER ELECTRIC CORPORATION  
Dept. JH954, South Plainfield, N. J.

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# Collins



75A-3 Receiver



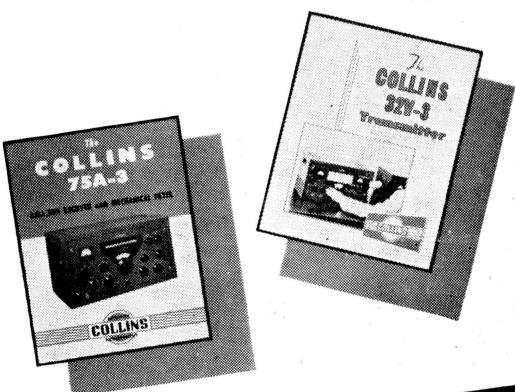
32V-3 Transmitter

Whether your operating taste runs to dx, traffic or rag-chewing, you'll like the convenience of these proven performers. With this popular communications system, you QSY from the high end of 10 to the low end of 80 in a few seconds; just pick your band and set the dials to the desired frequency. With this accurately calibrated pair on your operating table, you don't even have to zero-beat. Want to answer that station on his own frequency? Just set the 32V-3 to the frequency indicated on the 75A-3 — that's all there is to it!

The Collins 75A-3 double-conversion receiver, with its crystal-controlled front end and highly stable low frequency VFO, is like a high frequency crystal-controlled converter working into a very stable low frequency receiver. The high stability and 3.1 kc bandwidth of the 75A-3 make it ideal for AM or single sideband — and 800 cycle and 6 kc bandwidth filters are available as optional accessories. All coils are permeability tuned and have a straight line frequency characteristic, allowing linear dial calibration. Only the band in use is visible on the slide-rule dial. On the vernier dial, each division represents one kc except on the 10 and 11 meter bands, where each dial division represents two kc. This accurate calibration is made possible by the highly stable oscillators in the 75A-3.

The 32V-3 is a VFO controlled band-switching gang-tuned transmitter rated at 160 watts input on CW and 140 watts on Phone. It is thoroughly filtered and shielded to minimize the possibility of TVI.

*Fully illustrated booklets describing this popular pair are available at your Collins distributor.*

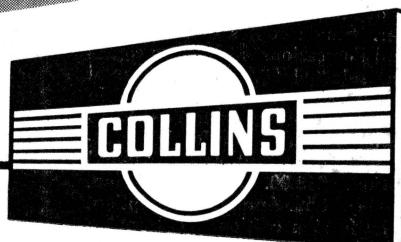


## COLLINS RADIO COMPANY

Cedar Rapids, Iowa

261 Madison Ave., NEW YORK 16  
1930 Hi-Line Drive, DALLAS 2  
2700 W. Olive Ave., BURBANK

Collins Radio Company of Canada, Ltd., 74 Sparks St., OTTAWA, ONTARIO



# **RADIO AMATEUR CALL BOOK**

## **MAGAZINE**

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W9TRD.

VOLUME 32 NUMBER 3

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**USE RME**  
**FOR BETTER QSO'S**  
*Coming and Going!*

**MC-55 FIVE BAND MOBILE CONVERTER**

For 10, 15, 20, 40 and 80 meters. 1.25 micro-volt sensitivity on all bands. Edge-lighted dial. 25-to-1 worm gear tuning. ANL. Transmit-receive switch. Three gang tuning capacitor. Individual coils for each band. Aperiodic i.f. stage aids in providing high-gain characteristic. Input impedance 50-72 ohms. Output frequency 1550 kc. 150-180 v. at 18 ma. 6 or 12-volt operation. Tube lineup: 6BJ6 r.f. amp; 12AT7 osc-det; 6BJ6 i.f. amp; 6AL5 noise limiter. Dark gray. Size: 4 $\frac{1}{8}$ " high, 5 $\frac{3}{4}$ " wide, 5 $\frac{1}{4}$ " deep. Shpg. wt. 7 lbs. Amateur Net. .... **\$69.50**



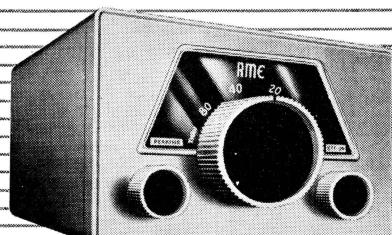
MC-55

**MC-53 VHF THREE BAND MOBILE CONVERTER**

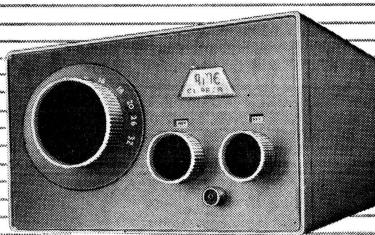
Designed for 2, 6 and 10-11 meters. 1.25 micro-volt sensitivity on all bands. 25-to-1 worm gear tuning. Individual coils for each band and each circuit. Three gang tuning. Aperiodic i.f. stage aids in providing high gain characteristic. Separate input connectors for each band. Send-receive switch. ANL. VR provides excellent stability. 6-volt operation. 150-180 v. at 25 ma. Output frequency 1550 kc. 6AK5 r.f. amplifier; 12AT7 osc-det; 6BJ6 i.f.; 6AL5 limiter and OB2 voltage regulator. Gray enamel. Size: 5 $\frac{3}{4}$ " wide, 4 $\frac{1}{8}$ " high, 5 $\frac{1}{4}$ " deep. Shpg. wt. 7 lbs. Amateur Net. .... **\$66.60**



MC-53



DB-23



RME-100

Ask your RME Distributor or  
 Write for RME Bulletins

**Do you have your  
 "SECOND OP"**



Handy,  
 complete DX  
 information  
 computer.  
 Amateur Net, \$1.00

**DB-23 PRESELECTOR**

Substantially improves the performance of any receiver. Three 6J6 twin triodes as neutralized push-pull stages in combination of selective and wide band r.f. amplifiers. Minimum gain of 20 db all ham bands from 3.5 to 30 mc with substantial image rejection. Signal-to-noise improvement better than 7.5 db over that of the receiver alone. Permits optimum use of mechanical, crystal or audio filters. Input circuits match standard type antenna. Set band and adjust peaking control. With power supply. Blue-gray. Size: 5" high, 7 $\frac{1}{8}$ " wide, 6" deep. Shpg. wt. 8 lbs. Amateur Net. **\$49.50**

**RME 100 SPEECH CLIPPER**

Peak limiting pre-amplifier provides higher articulation and intelligibility to combat QRM and QRN. Ideal for use with Johnson Viking, Collins 32V and all ham-built equipment. Clipping level adjustable from 3-20db. Pi low-pass filter provides high suppression of generated harmonics above 3000 cps, concentrating voice power to most effective band of frequencies. Response 200-3000 cps. If set to provide 100% modulation, louder speech will not over-modulate. Front panel input for Hi-Z microphone accommodates PTT circuit. Tube lineup: 6SC7, 6H6 and 6X5GT rectifier. With power supply in blue-gray steel cabinet. Size: 5" high, 7 $\frac{1}{8}$ " wide, 6" deep. Shpg. wt. 9 lbs. Amateur Net. .... **\$39.50**

**RME**

RADIO MFG. ENGINEERS, INC.  
 PEORIA 6, ILLINOIS

DIVISION OF

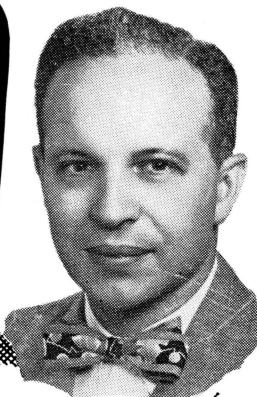
**Electro-Voice INC.**

# A. R. R. L. COUNTRIES LIST

## Official List for ARRL DX CONTEST and Postwar DXCC

The ARRL Postwar Countries List is the official standard used in connection with the ARRL DX competition and the DX Century Club. To qualify for the DX Century Club Award, an applicant must submit confirmations from at least 100 different countries contacted after November 15, 1945, in accordance with the Postwar DXCC Rules. Copies of the DXCC Rules will be furnished by ARRL on request.

AC3	Sikkim	KG4	Guantanamo Bay	Cayman Islands
AC4	Tibet	KG6	Mariana Islands	Jamaica
AG2	(See I)	KH6	Hawaiian Islands	Turks & Caicos Islands
AP	Pakistan	KJ6	Johnston Island	Barbados
C (unofficial)	China	KL7	Alaska	Bahama Islands
C3	Formosa	KM6	Midway Islands	Falkland Islands
C9	Manchuria	KP4	Puerto Rico	South Georgia
CE	Chile	KP6	Palmyra Group, Jarvis Island	South Orkney Islands
CE7Z, LU, VP8	Antarctica	KR6	Ryukyu Islands (e.g., Okinawa)	South Sandwich Islands
CE $\phi$	Easter Island	KS4	Swan Island	South Shetland Islands
CM, CO	Cuba	KS6	American Samoa	Bermuda Islands
CN3	French Morocco	KT1	(See CN2)	Zanzibar
CN2, KTI	Tangier Zone	KV4	Virgin Islands	Northern Rhodesia
CP	Bolivia	KW6	Wake Island	Tanganyika Territory
CR4	Cape Verde Islands	KX6	Marshall Islands	Kenya
CR5	Portuguese Guinea	KZ5	Canal Zone	Uganda
CR5	Principe, São Tomé	LA	Norway	British Somaliland
CR6	Angola	LA	Svalbard (Spitzbergen)	Chagos Islands
CR7	Mozambique	LU	Argentina	Mauritius
CR8	Goa (Portuguese India)	LU-Z	(See CE7Z, VP8)	Seychelles
CR9	Macau	LX	Luxembourg	Gilbert & Ellice Islands & Ocean Island
CR10	Portuguese Timor	LZ	Bulgaria	British Phoenix Islands
CT1	Portugal	M1	San Marino	Fiji Islands
CT2	Azores Islands	MB9	(See OE)	Fanning Island (Christmas Island)
CT3	Madeira Islands	MD5	(See SU)	Solomon Islands
CX	Uruguay	MF2	(See I)	Tonga (Friendly) Islands
DL, DJ, DM	Germany	MP4	Bahrein Island	Pitcairn Island
DU	Philippine Islands	MP4	Kuwait	Singapore
EA	Spain	MS4	Qatar	Malaya
EA6	Balearic Islands	OA	Trucial Oman	Sarawak
EA8	Canary Islands	OD5	(See I5)	Brunei
EA9	Spanish Morocco	OE, MB9, FKS8	Peru	Sarawak
EA $\phi$	Spanish Guinea	OH	Lebanon	Hong Kong
EI	Eire (Irish Free State)	OK	Austria	Ceylon
EL	Liberia	ON	Finland	Sultanate of Oman
EP, EQ	Iran (Persia)	OQ	Czechoslovakia	Aden & Socotra
ET2	Eritrea	OX	Belgium	Maldives Islands
ET3	Ethiopia	OY	Belgian Congo	India
F	France	OZ	Greenland	Laccadive Islands
FA	Algeria	PA	Faeroes	United States of America
FB8	Amsterdam & St. Paul Islands	PJ	Netherlands	Mexico
FB8	Kerguelen Islands	PK1, 2, 3	West Indies	Burma
FB8	Madagascar	PK4	Java	Afghanistan
FC	Corsica	PK5	Sumatra	Iraq
FD8	French Togoland	PK6	Netherlands Borneo	(See FU8)
FE8	French Cameroons	PK6, 7	Celebes & Molucca Islands	Syria
FF8	French West Africa	PX	Netherlands New Guinea	Nicaragua
FG8	Guadeloupe	PZ	Andorra	Roumania
FI8	French Indo-China	SM	Brazil	Salvador
FK8	New Caledonia	SP	Netherlands Guiana	Yugoslavia
FKS8	(See OE)	ST	Sweden	Venezuela
FL8	French Somaliland	SU, MD5	Poland	Albania
FM8	Martinique	TA	Anglo-Egyptian Sudan	Malta
FN	French India	TF	Egypt	Gibraltar
FO8	Cliperton Island	SV	Greece	Cocos Islands
FO8	French Oceania (e.g., Tahiti)	SV	Crete	Christmas Island
FP8	St. Pierre & Miquelon Islands	SV5	Dodecanese (e.g., Rhodes)	Cyprus
FQ8	French Equatorial Africa	TA	Turkey	British North Borneo
FR8	Reunion Island	TF	Iceland	Palestine
FU8, YJ	New Hebrides	TG	Guatemala	Sierra Leone
FY8	French Guiana & French Guiana & Inini	TI	Costa Rica	Nigeria
G	England	TI	Cocos Island	Gambia
GC	Channel Islands	UA1, 3, 4, 6	European Russian Socialist Federated Soviet Republic	Gold Coast, Togoland
GD	Isle of Man	UA9, $\phi$	Asiatic Russian S.F.S.R.	Nyasaland
GI	Northern Ireland	UB5	Ukraine	St. Helena
GM	Scotland	UC2	White Russian Soviet Socialist Republic	Ascension Island
GW	Wales	UD6	Azerbaijan	Tristan da Cunha & Gough Island
HA	Hungary	UF6	Georgia	Southern Rhodesia
HB	Switzerland	UG6	Armenia	Cook Islands
HC	Ecuador	UH8	Turkoman	Niue
HC8	Galapagos Islands	UI8	Uzbek	New Zealand
HE	Liechtenstein	UJ8	Tadzhik	British Samoa
HH	Haiti	UL7	Kazakh	Paraguay
HI	Dominican Republic	UM8	Kirghiz	Union of South Africa
HK	Colombia	UN1	Karelo-Finnish Republic	Marion Island
HL	Korea	UO5	Moldavia	Southwest Africa
HP	Panama	UP2	Lithuania	Swaziland
HR	Honduras	UQ2	Latvia	Basutoland
HS	Siam	UR2	Estonia	Bechuanaland
HV	Vatican City	VE, VO	Canada	Monaco
HZ	Saudi Arabia (Hedjaz & Nejd)	VK1	Australia (including Tasmania)	Tunisia
I	Italy	VK1	Heard Island	Ceylon
I, AG2, MF2	Trieste	VK1	Macquarie Island	Yemen
I5, MD4, MS4	Italian Somaliland	VK1, CZ2	Cocos Islands	Israel
IS	Sardinia	VK9	Papua Territory	Libya
JA, KA	Japan	VK9	Territory of New Guinea	Saar
JY	Jordan	VK9	Norfolk Island	Aldabra Islands
K	(See W)	VO	(See VE)	Bhutan
KA	(See JA)	VP1	British Honduras	Comoro Islands
KA $\phi$	Bonin & Volcano Islands	VP2	Leeward Islands	Fridtjof Nansen Land (Franz Josef Land)
KB6	Baker, Howland & American Phoenix Islands	VP2	Windward Islands	Mongolia
KC4	Navassa Island	VP3	British Guiana	Nepal
KC6	Caroline Islands	VP4	Trinidad & Tobago	Tannu Tuva
KC6	Palau Islands			Tokelau (Union) Islands
				Wrangel Islands



NEW MODEL 500

Just \$36<sup>78</sup> Per Month (18 Months)

500 Watts—Complete Band-Switching

## GLOBE KING XMTR



In keeping with WRL's policy of always giving you MORE WATTS PER DOLLAR, we now offer you a complete 500 watt band switching 160 through 10 meter transmitter using the popular husky 4-250 A tube

in final. Complete TVI shielding and by-passing of RF section and meters. Includes co-ax antenna, change-over relay and push-to-talk features. Pi-network final tuning will match any antenna system from 52 to 600 ohms with output impedance selector switch on front panel. This arrangement serves as an ideal antenna tuner. Metering of all stages with 2-3" meters. Several safety features included for protection of final tube which is forced air cooled. Has provisions for VFO. High level 100% plate modulation. Ham-mertone finished cabinet approximately 31" H x 21 1/4" W x 15" D.

\$67.50 Cash Down

\$675.00 Cash Wired-Tested

GLOBE \$8<sup>95</sup> Per Month (12 Months)

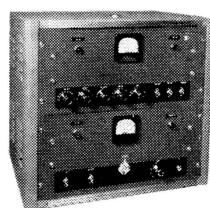
65 Watts CW-50 Watts phone Complete Band Switching

Here is the latest triumph of the WRL engineering staff. Complete band switching 160 thru 10M transmitter with combination pi-network antenna tuner which will work into any antenna. Three stage modulator allows 100% modulation in final. Has complete power supply. XMTR housed in new special grey TVI screened cabinet. Ideal XMTR for the novice or experienced ham.

\$10.00 CASH DOWN

\$89.95 KIT FORM

\$99.95 CASH WIRED-TESTED



## GLOBE CHAMPION XMTR

165 Watts—More Per Dollar

R. F. Section a complete 165 watt XMTR. Provisions for VFO. Automatic fixed bias on Final and Buffer. Class B Speech Modulator. 165 watt input—10 thru 160 meter bands. Complete with tubes, meters and one set of coils.

\$34.95 CASH DOWN    \$329.50 KIT FORM    \$349.50 WIRED-TESTED

You can buy with confidence from WRL—the World's Largest Distributor of Amateur Radio Transmitting Equipment.

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You can profit most when you deal with WRL—one of the world's largest distributors of amateur radio transmitting equipment. There are 65 people on the WRL staff to serve you at all times including 3 men with commercial tickets and 12 licensed amateurs, all of whom can assist you with any problems regarding hi-fi, sound, amateur, or local electronic problems. WRL is famous for personalized fast service and tailor-made-terms. The complete line of WRL transmitters are famous throughout the world. WRL allows top prices on trade-ins. You can buy equipment with as little as 10% cash down and the balance in 12 to 18 months. Payments will be arranged to fit your monthly budget. Carrying charges are among the lowest in the nation—only 1/2% per month on the unpaid balance.

LEO I. MEYERSON, WØGFQ

## GIANT RADIO REFERENCE MAP



CU ON 10—20 & 75 METERS  
Just right for your control room walls. Approximately 28" x 36". Contains time zones, amateur zones, monitoring stations.  
Mail coupon today and . . .

25¢

## WE FEATURE A COMPLETE LINE OF NATIONALLY FAMOUS RECEIVERS AND STANDARD RADIO PARTS

Choose from such famous names as RCA, Hallicrafters, National, Collins, Peterson, Thordarson, Hammarlund, Miller, RME, Meissner, Stancor, Hytron, Astatic, and a host of others. We also assemble the world famous WRL TRANSMITTERS delivering more watts per dollar and fully guaranteed. Write for detailed XMTR specification sheet.

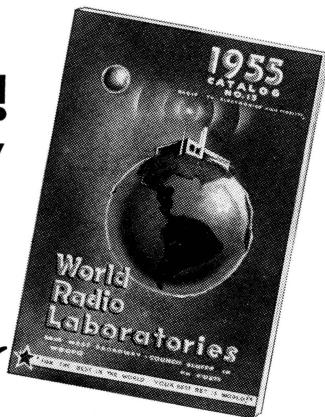
JUST OFF THE PRESS!

FREE!

NEW

1955 CATALOG

SEND TODAY



Rush top trade-in value of my \_\_\_\_\_  
Make and Model of new equipment desired \_\_\_\_\_

CBF-54

Rush Info  (Equipment Wanted)  Reconditioned List

E-Z Pay Plan:  6 mos.  12 mos.  18 mos.

Free Catalog  Wall Size Radio Map 25c  Log Book 25c

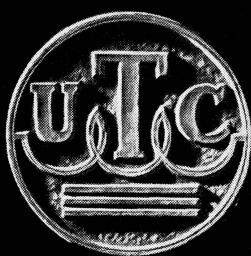
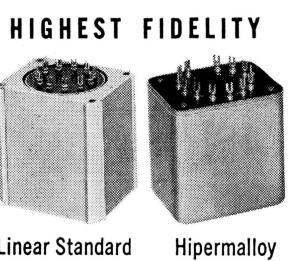
NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_

WRL — BOX 811 — COUNCIL BLUFFS, IOWA

# INTERNATIONAL RADIO AMATEUR PREFIXES

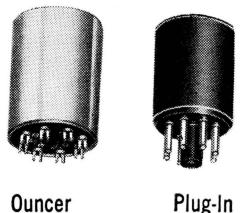
The following prefixes are listed in alphabetical order for convenience in locating the country when DX calls are heard.

AC3	SIKKIM	KG6	MARIANA ISLANDS (Guam)	VK	AUSTRALIA
AC4	TIBET	KG61	IWO JIMA ISLAND	VK7	TASMANIA
AG2	TRIESTE (American)	KG6S	SAIPAN ISLAND	VK9	PAPUA TERRITORY
AP	PAKISTAN	KG6T	TINIAN ISLAND	VO	NEWFOUNDLAND & LABRADOR
C	CHINA	KH6	HAWAIIAN ISLANDS	VP1	BRITISH HONDURAS
CE	CHILE	KJ6	JOHNSTON ISLAND	VP2	LEEWARD & WINDWARD ISLANDS
CM-CO	CUBA	KL7	ALASKA	VP3	BRITISH GUIANA
CN2	TANGIER ZONE	KM6	MIDWAY ISLAND	VP4	TRINIDAD & TOBAGO IS.
CN8	FRENCH MOROCCO	KP4	PUERTO RICO	VP5	JAMAICA, CAYMAN, TURKS & CAICOS IS.
CP	BOLIVIA	KP6	PALMYRA & JARVIS ISLANDS	VP6	BARBADOS
CR4	CAPE VERDE ISLANDS	KR6	OKINAWA	VP7	BAHAMA ISLANDS
CR5	PORTUGUESE GUINEA	KS4	SWAN ISLAND	VP8	FALKLAND ISLANDS
CR6	ANGOLA	KS6	U. S. SAMOA		South Georgia, South Orkney and South Shetland Islands.
CR7	MOZAMBIQUE	KV4	VIRGIN ISLANDS	VP9	BERMUDA ISLANDS
CR8	GOA (Portuguese India)	KW6	WAKE ISLAND	VQ1	ZANZIBAR
CR9	MACAU	KX6	MARSHALL ISLANDS	VQ2	NORTHERN RHODESIA
CR10	TIMOR ISLAND (Port.)	KZ5	CANAL ZONE	VQ3	TANGANYIKA TERRITORY
CT1	PORTUGAL	LA	NORWAY	VQ4	KENYA
CT2	AZORES ISLANDS	LU	ARGENTINA	VQ5	UGANDA
CT3	MADERIA ISLANDS	LX	LUXEMBOURG	VQ6	BRITISH SOMALILAND
CX	URUGUAY	LZ	BULGARIA	VQ8	CHAGOS & MAURITIUS ISLANDS
DL	GERMANY	MB9	AUSTRIA	VQ9	SEYCHELLES
DU	PHILIPPINE ISLANDS	MD4	SOMALIA	VR1	GILBERT ELICE & OCEAN ISLANDS
EA	SPAIN	MD5	SUEZ CANAL ZONE	VR2	FIJI ISLANDS
EA6	BALEARIC ISLANDS	MD6	IRAQ	VR3	FANNG ISLAND
EA8	CANARY ISLANDS	MF2	TRIESTE ((British))	VR4	SOLOMON ISLANDS
EA9	SPANISH MOROCCO	M13	ERITREA	VR5	TONGA (Friendly) ISLAND
EI	IRELAND	MP4	BAHREIN IS. & OMAN	VR6	PITCAIRN ISLAND
EL	LIBERIA	OA	PERU	VS1	SINGAPORE
EQ	IRAN (ex Persia)	OH	FINLAND	VS2	MALAYAN UNION
ET	ERITREA & ETHIOPIA	OE	AUSTRIA	VS4	BRITISH NORTH BORNEO
F	FRANCE	OD5	LEBANON	VSS	BRUNEI & SARAWAK
FA	ALGERIA	OK	CZECHOSLOVAKIA	VS6	HONG KONG
FB8	MADAGASCAR	ON	BELGIUM	VS9	ADEN & SOCOTRA ISLANDS
FC	CORSICA	OQ5	BELGIAN CONGO	VU	INDIA
FD8	FRENCH TOGOLAND	OX	GREENLAND	VU4	LACCADIVE ISLANDS
FE8	FRENCH CAMEROONS	OY	FAEROES ISLANDS	VU5	ANDAMAN ISLANDS
FF8	FRENCH WEST AFRICA	OZ	DENMARK	W	UNITED STATES
FG8	GUADELOUPE	PA, PI	NETHERLANDS	XE	MEXICO
FI8	FRENCH INDO-CHINA	PJ	NETH. WEST INDIES	XZ	BURMA
FK8	FRENCH-AUSTRIA	PK1, 2, 3	JAVA	YA	AFGHANISTAN
FL8	NEW CALEDONIA	PK4	SUMATRA	YI	IRAQ
FM8	FRENCH SOMALILAND	PK5	BORNEO (Neth. Indies)	YJ	NEW HEBRIDES
FN	MARTINIQUE	PK6	CELEBES & MOLUCCA ISLANDS	YK	SYRIA
FO8	FRENCH INDIA	PK7	NETHERLAND NEW GUINEA	YN	NICARAGUA
FP8	TAHITI	PX	ANDORRA	YO	ROUMANIA
FQ8	MIQUELON & ST. PIERRE IS.	PY	BRAZIL	YS	SALVADOR
FR8	FRENCH EQUATORIAL AFRICA	PZ	SURINAM	YT, YU	YUGOSLAVIA
FU8	REUNION ISLAND	SM	SWEDEN	YV	VENEZUELA
FY7	NEW HEBRIDES	SP	POLAND	ZA	ALBANIA
GA	FRENCH GUIANA	ST	SUDAN	ZB1	MALTA
GC	ENGLAND	SU	EGYPT	ZB2	GIBALTAR
GD	CHANNEL ISLANDS	SV	CRETE & GREECE	ZC1	TRANSJORDAN
GI	ISLE OF MAN	SV5	DODECANESE ISLANDS	ZC2	COCOS ISLANDS
GM	NORTHERN IRELAND	TA	TURKEY	ZC3	CHRISTMAS ISLAND
GW	SCOTLAND	TF	ICELAND	ZC4	CYPRUS
HA	WALES	TG	GUATEMALA	ZD1	SIERRA LEONE
HB	HUNGARY	TI	COSTA RICA	ZD2	NIGERIA
HC	SWITZERLAND	TT	TANNU TUVA	ZD3	GAMBIA
HEI	ECUADOR	UA1-3-4-6	EUROPEAN RUSSIAN SOCIALIST FEDERATED SOVIET REPUBLIC	ZD4	GOLD COAST & TOGOLAND
HH	LIECHTENSTEIN	UA9-8	ASIATIC RUSSIAN S. F. S. R.	ZD6	NYASALAND
HI	HAITI	UB5	UKRAINE	ZD7	SAINT HELENA
HK	DOMINICAN REPUBLIC	UC5	WHITE RUSSIAN S.S.R.	ZD8	ASCENSION ISLAND
HL1	COLOMBIAN REPUBLIC	UD6	AZERBAIJAN	ZD9	TRISTAN DA CUNHA
HP	KOREA	UF6	GEORGIA	ZE	SOUTHERN RHODESIA
HR	PANAMA	UG6	ARMENIA	ZK1	COOK ISLANDS
HS	HONDURAS	UH8	TURKOMAN	ZK2	NIUE
HV	SIAM	UI8	UZBEK	ZL	NEW ZEALAND
HZ	VATICAN CITY	UJ8	TADZHIK	ZM	WESTERN SAMOA
I	SAUDI ARABIA	UL7	KAZAKH	ZP	PARAGUAY
K	ITALY	UMB	KIRGHIZ	ZS	UNION OF SOUTH AFRICA
KA	UNITED STATES	UN1	KARELO-FINNISH REPUBLIC	3A2	MONACO
KB6	JAPAN	UO5	MOLDAVIA	3V8	TUNISIA
KC4	BAKER, CANTON, ENDERBURY, HOWLAND & PHOENIX ISLANDS	UP	LITHUANIA	4S7	CEYLON
KC6	NAVASSA ISLAND	UQ	LATVIA	4X4	ISRAEL
KG4	CAROLINE ISLANDS	UR	ESTONIA	5A2	LIBYA
	GUANTANAMO BAY, CUBA	VE	CANADA	9S4	SAARLAND



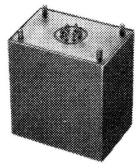
# TRANSFORMERS REACTORS • FILTERS

## COMPACT

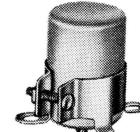


Ouncer

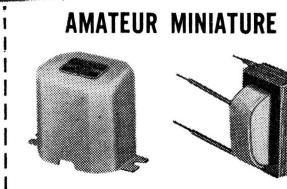
Plug-In



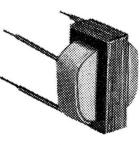
Magnetic Amplifiers



Multi-Shielded Inputs

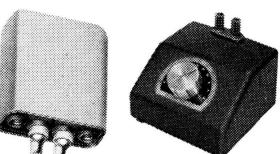


Special Series



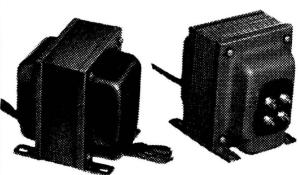
Sub-Ouncer

## HI-Q TOROIDS



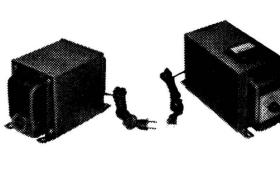
Inductors

Decades



Replacement

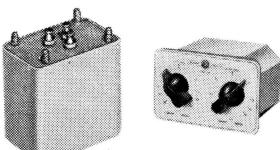
Signaling and Control



Stepdown

Line Adjustors

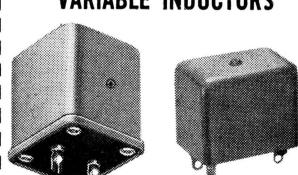
## CONTROLLED RESPONSE



Filters



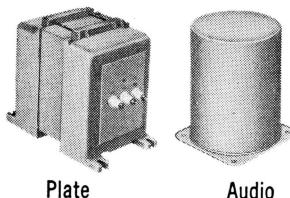
Equalizers



Non-Hermetic

Hermetic

## RUGGED... INDUSTRIAL



Plate

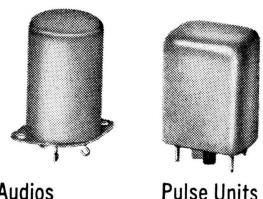
Audio

## HIGHEST FIDELITY



Amplifier Kit

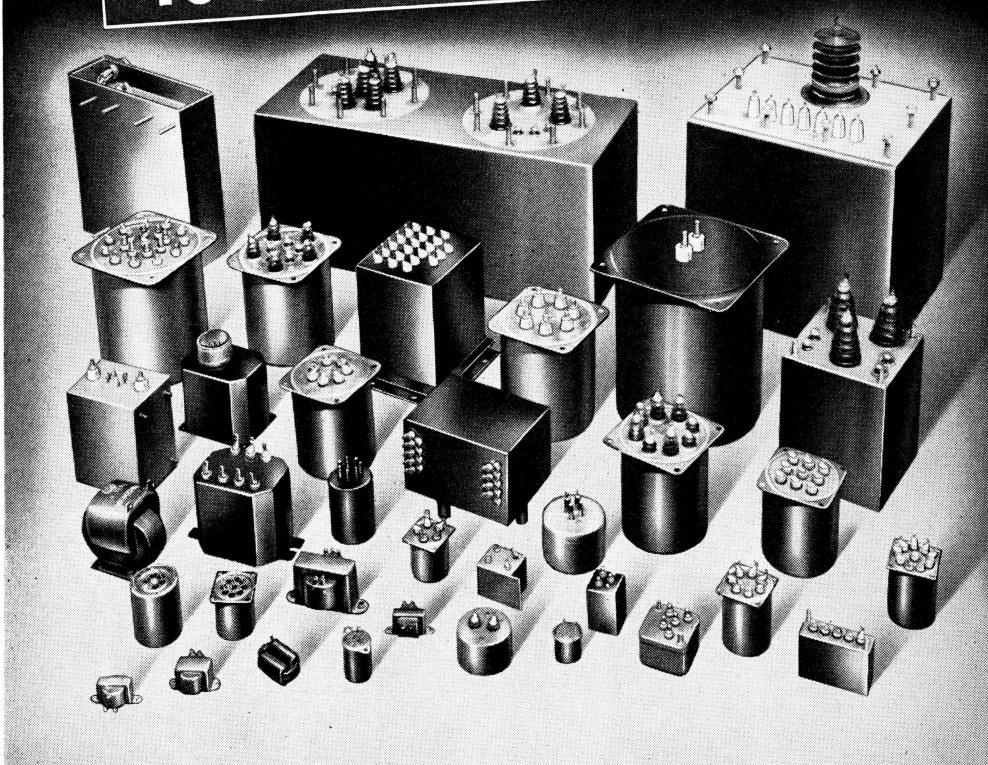
## HERMETIC... MIL-T-27



Audios

Pulse Units

## TO SPECIFICATIONS...



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# PREFIXES—BY COUNTRIES

The following countries listed in alphabetical order by country show international radio amateur prefixes. Characters in ( ) designate the continent and zone in which the country is located. Abbreviations are as follows: A—Asia, AF—Africa, E—Europe, NA—North America, O—Oceania, SA—South America.

ADEN	(A-21)	VS9	GUADELOUPE	(NA-8)	FG8	RHODESIA, NORTHERN	(AF-36)	VQ2
AFGHANISTAN	(A-21)	YA	GUAM	(O-27)	KG6	RHODESIA, SOUTHERN	(AF-38)	ZE
ALASKA	(NA-1)	KL7	GUANTANAMO BAY	(NA-8)	KG4	ROUMANIA	(E-20)	YO
ALBANIA	(E-15)	ZA	GUATEMALA	(NA-7)	TG	RYUKYU ISLANDS	(A25)	KR6
ALGERIA	(AF-33)	FA	GUIANA, BRITISH	(SA-9)	VP3	SAARLAND	(E-14)	9S4
ANDORRA	(E-14)	PX	GUIANA, FRENCH	(SA-9)	FY7	SAINT HELENA	(AF-36)	ZD7
ANGLO-EGYPTIAN SUDAN	(AF-34)	ST	GUIANA, NETHERLANDS	(SA-9)	PZ	SAIPAN ISLAND	(O-27)	KG6S
ANGOLA	(AF-36)	CR6	GUINEA, PORTUGUESE	(AF-35)	CR5	SALVADOR	(NA-7)	YS
ARGENTINA	(SA-13)	LU	HAITI	(NA-8)	HH	SAMOA (U.S.)	(O-32)	KS6
ASCENSION ISLAND	(AF-36)	ZD8	HAWAIIAN ISLANDS	(O-31)	KH6	SAMOA (Western)	(O-32)	ZM
AUSTRALIA	(O-29 & 30)	VK	HONDURAS	(NA-7)	HR	SARAWAK	(O-28)	VSS
AUSTRIA	(E-15)	OE	HONG KONG	(A-24)	VS6	SAUDI ARABIA	(A-21)	HZ
AZORES ISLANDS	(E-14)	CT2	HOWLAND ISLAND	(O-31)	KB6	SCOTLAND	(E-14)	GM
BAHAMA ISLANDS	(NA-8)	VP7	HUNGARY	(E-15)	HA	SEYCHELLES	(AF-39)	VQ9
BAHREIN ISLANDS	(AF-21)	MP4	ICELAND	(E-40)	TF	SIAM	(A-26)	HS
BAKER ISLAND	(O-31)	KB6	INDIA	(A-21)	VU	SIERRA LEONE	(AF-35)	ZD1
BALEARIC ISLANDS	(E-14)	EA6	IRAN	(A-21)	EQ	SIKKIM	(A-22)	AC3
BARBADOS	(NA-8)	VP6	IRAQ	(A-21)	YI	SCOTRA ISLAND	(AF-37)	VS9
BASUTOLAND	(AF-38)	ZS4	IRELAND	(E-14)	EI	SOLOMON ISLANDS	(O-28)	VR4
BELGIAN CONGO	(AF-36)	OQ	ISLE OF MAN	(E-14)	GD	SOMALILAND, British	(AF-37)	VO6
BELGIUM	(E-14)	ON	ISRAEL	(A-20)	4X4	SOMALILAND, French	(AF-37)	FL8
BERMUDA ISLANDS	(NA-5)	VP9	ITALY	(E-15)	I	SOMALILAND, Italian	(AF-37)	15
BOLIVIA	(SA-10)	CP	IWO JIMA ISLAND	(O-25)	KG6I	SOUTH GEORGIA	(SA-13)	VP8
BORNEO (Br. North)	(O-28)	VS4	JAMAICA	(NA-8)	VP5	SOUTH ORKNEY ISLANDS	(SA-13)	VP8
BORNEO (Neth. Indies)	(O-28)	PK5	JAN MAYEN ISLAND	(E-40)	OY	SOUTH SANDWICH ISLANDS	(SA-13)	VP8
BRAZIL	(SA-11)	PY	JAPAN	(A-25)	KA	SOUTH SHETLAND ISLANDS	(SA-13)	VP8
BRITISH HONDURAS	(NA-7)	VP1	JARVIS ISLAND	(O-31)	KP6	SOUTHWEST AFRICA	(AF-38)	ZS3
BRUNEI	(O-28)	VS5	JAVA	(O-28)	PK1, 2, 3	SOVIET UNION:		
BULGARIA	(E-20)	LZ	JOHNSTON ISLAND	(O-31)	KJ6	EUROPEAN RUSSIAN SOCIALIST		
BYURMA	(A-26)	XZ	KENYA	(AF-37)	VQ4	FEDERATED SOVIET REP.	(E-16)	UA1, 3, 4, 6
CAMEROONS, British	(AF-36)	ZD2	KOREA	(A-25)	HL1	ASIATIC RUSSIAN S.F.S.R.	(A-18, 19)	UA9, φ
CAMEROONS, French	(AF-36)	FE8	LABRADOR	(NA-2)	VO	UKRAINE	(E-16)	UB5
CANADA	(NA-1 to 5)	VE	LACCIADIVE ISLANDS	(A-22)	VU4	WHITE RUSSIAN S.S.R.	(E-16)	UC
CANAL ZONE	(NA-7)	KZ5	LEBANON REPUBLIC	(A-20)	OD5	AZERBAIJAN	(A-21)	UD6
CANARY ISLANDS	(AF-33)	EA8	LEEWARD ISLANDS	(NA-8)	VP2	GEORGIA	(A-21)	UF6
CANTON ISLAND	(O-31)	KB6	LIBERIA	(AF-35)	EL	ARMENIA	(A-21)	UG6
CAPE VERDE ISLANDS	(AF-35)	CR4	LIBYA	(AF-34)	SA2	TURKOMAN	(A-17)	UH8
CAROLINE ISLANDS	(O-27)	KC6	LIECHTENSTEIN	(E-14)	HE1	UZBEK	(A-17)	UI8
CAYMAN ISLANDS	(NA-8)	VP5	LITTLE AMERICA	(SA-13)	KC4	TADZHIK	(A-17)	UJ8
CELEBES	(O-28)	PK6	LUXEMBOURG	(E-14)	LX	KAZAKH	(A-17)	UL7
CEYLON	(A-22)	VS7	MACAU	(A-24)	CR9	KIRGHIZ	(A-17)	UM8
CHAGOS ISLANDS	(AF-39)	VQ8	MADAGASCAR	(AF-39)	FB8	KARELO-FINNISH REP.	(E-16)	UN1
CHANNEL ISLANDS	(E-14)	GC	MADEIRA ISLANDS	(AF-33)	CT3	MOLDAVIA	(E-16)	UO5
CHILE	(SA-12)	CE	MALAYA	(A-28)	VS1, 2	LITHUANIA	(E-15)	UP
CHINA	(A-23 & 24)	C	MALDIVES ISLANDS	(A-22)	VS9	LATVIA	(E-15)	UQ
CHRISTMAS ISLAND	(O-29)	ZC3	MALTA	(E-15)	ZB1	ESTONIA	(E-15)	UR
COCOS ISLAND	(NA-7)	TI	MARIANAS ISLANDS	(O-27)	KG6	SPAIN	(E-14)	EA
COCOS ISLANDS	(O-29)	ZC2	MARSHALL ISLANDS	(O-31)	KX6	SUMATRA	(O-28)	PK4
COLOMBIA	(SA-9)	HK	MARTINIQUE	(NA-8)	FM8	SWAN ISLAND	(NA-7)	KS4
COOK ISLANDS	(O-32)	ZKI	Mauritius	(AF-39)	VQ8	SWEDEN	(E-14)	SM
CORSICA	(E-15)	FC	MEXICO	(NA-6)	XE	SWITZERLAND	(E-14)	HB
COSTA RICA	(NA-7)	TI	MIDWAY ISLAND	(O-31)	KM6	SYRIA	(A-20)	YK
CRETE	(E-20)	SV	MIQUELON ISLAND	(NA-5)	FP8	TANGANYIKA	(AF-37)	VQ3
CUBA	(NA-8)	CM, CO	MONACO	(E-14)	3A2	TANGIER ZONE	(AF-33)	CN2
CYPRUS	(A-20)	ZC4	MOROCCO, French	(AF-33)	CN	TANNU TUVA	(A-23)	TT
CZECHOSLOVAKIA	(E-15)	OK	MOROCCO, Spanish	(AF-33)	EA9	TIBET	(A-23)	AC4
DENMARK	(E-14)	OZ	MOZAMBIQUE	(AF-37)	CR7	TIMOR, Portuguese	(O-28)	CR10
DODECANESE ISLANDS	(E-20)	SV5	NAVASSA ISLAND	(NA-8)	KC4	TINIAN ISLAND	(O-27)	KG6T
DOMINICAN REPUBLIC	(NA-8)	HI	NETHERLANDS	(E-14)	PA	TOGO, French	(AF-35)	FD8
ECUADOR	(SA-10)	HC	NETHERLAND W. INDIES	(SA-9)	PJ	TONGA (Friendly) ISLANDS	(O-32)	VR5
EGYPT	(AF-34)	SU	NEW CALEDONIA	(O-32)	FK8	TRANSJORDAN	(A-20)	ZC1
ELLISS ISLANDS	(O-31)	VR1	NEWFOUNDLAND	(NA-5)	VO	TRIESTE	(E-15)	AG2 & MF2
ENGLAND	(E-14)	G	NEW GUINEA, Netherlands	(O-28)	PK6	TRINIDAD & TOBAGO	(SA-9)	VP4
ERITREA	(AF-37)	M13	NEW GUINEA, Territory of	(O-28)	VK9	TRISTAN da CUNHA & COUGH ISLAND	(AF-38)	ZD9
ETHIOPIA	(AF-37)	ET	NEW HEBRIDES	(O-32)	FU8, YJ	TUNISIA	(AF-33)	3V8
FAEROES, The	(E-14)	OY	NEW ZEALAND	(O-32)	ZL	TURKEY	(A-20)	TA
FALKLAND ISLANDS	(SA-13)	VP8	NICARAGUA	(NA-7)	YN	TURKS & CAICOS ISLANDS	(NA-8)	VPS
FANNING ISLAND	(O-31)	VR3	NIGERIA	(AF-35)	ZD2	UGANDA	(AF-37)	VQ5
FIJI ISLANDS	(O-32)	VR2	NIUE	(O-32)	ZK2	UNION OF SOUTH AFRICA	(AF-38)	ZS
FINLAND	(E-15)	OH	NORTHERN IRELAND	(E-14)	GI	UNITED STATES of AMERICA	(NA-3, 4, 5)	W, K
FRANCE	(E-14)	F	NORWAY	(E-14)	LA	URUGUAY	(SA-13)	CX
FRENCH-AUSTRIA	(E-15)	FKS	NYASALAND	(AF-37)	ZD6	VATICAN CITY	(E-15)	HV
FR. EQUATORIAL AFRICA	(AF-36)	FQ8	OKINAWA	(A-25)	KR6	VENEZUELA	(SA-9)	YY
FR. EQUATORIAL AFRICA	(AF-36)	FQ8	OMAN	(A-21)	MP4	VIRGIN ISLANDS	(NA-8)	KV4
FRANC INDIA	(A-22)	FN	PAKISTAN	(A-21, 22)	AP	WAKE ISLAND	(O-31)	KW6
FRANC INDO-CHINA	(A-26)	F18	PANAMA	(NA-7)	HP	WALES	(E-14)	GW
FRANC OCEANIA	(O-32)	FO8	PAPUA TERRITORY	(O-28)	VK9	WINDWARD ISLANDS	(NA-8)	VP2
FRANC WEST AFRICA	(AF-35)	FF8	PARAGUAY	(SA-11)	ZP	YUGOSLAVIA	(E-15)	YT, YU
GAMBIA	(AF-35)	ZD3	PERU	(SA-10)	OA	ZANZIBAR	(AF-37)	VQ1
GERMANY	(E-14)	DL	PHILIPPINE ISLANDS	(O-27)	DU			
GIBRALTAR	(E-14)	ZB2	PITCAIRN ISLAND	(O-32)	VR6			
GILBERT ISLANDS	(O-31)	VR1	POLAND	(E-15)	SP			
GOA (Portuguese India)	(A-22)	CR8	PORTUGAL	(E-14)	CT1			
GOLD COAST	(AF-35)	ZD4	PUERTO RICO	(NA-8)	KP4			
GREECE	(E-20)	SV	REUNION ISLAND	(AF-39)	FR8			
GREENLAND	(NA-40)	OX						